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FIG. 1

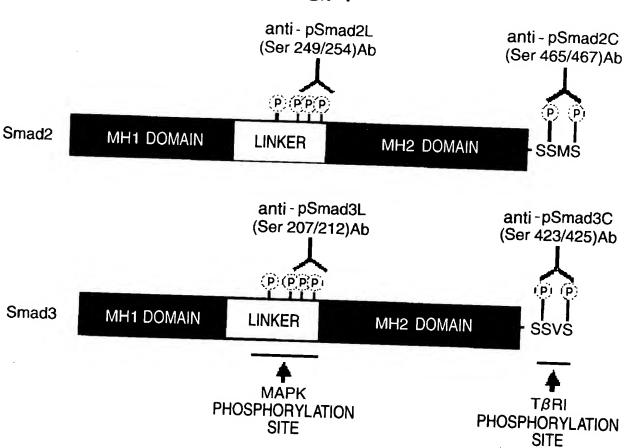


FIG. 2A

**EPSM** 

3S-A

WT

Flag-Smad2

	$TGF$ - $\beta_1$		+ -	+ - +	
	, IB:	/ <u>2</u>	Carrier III		
IP: α Flag	αpSmad2L				MAPK - dependent pSmad2
				<u>&amp;</u> _ &	- lgH
	α pSmad2C				TβRI- dependent pSmad2
=					- IgH
	αFlag				- Smad2

FIG. 2B

Flag-Smad3	-	WT EPSM		3S-A
TGF-β <sub>1</sub>	-	- +	- +	- +

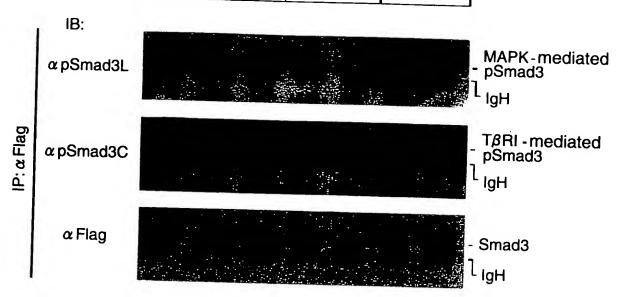
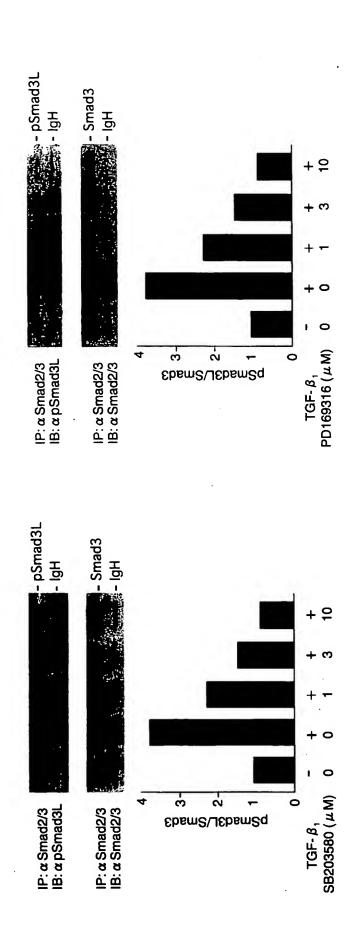
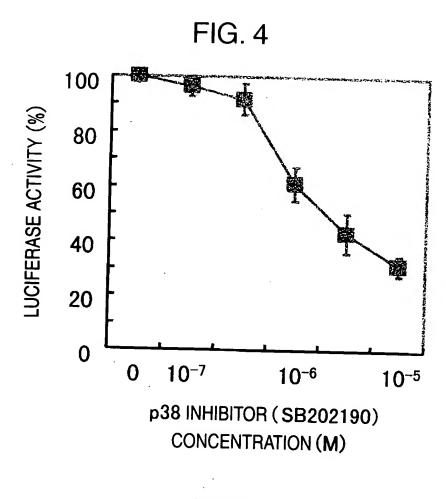


FIG. 2C

	Flag-Smad3	-	WT	EPSM	3S-A	
	TGF-β <sub>1</sub>	-	- +	- +	- +	
	ı IB:					
	αpSmad3L	Bridge o		Joseph Miller		MAPK-mediated pSmad3
IP: α Flag	αpSmad3C					TβRI - mediated pSmad3 IgH
	αFlag					Smad3

FIG. 3





 $(MEAN \pm S.D. n=7)$ 

FIG. 5A

DETECTION OF LOCALIZATION IN CELLS

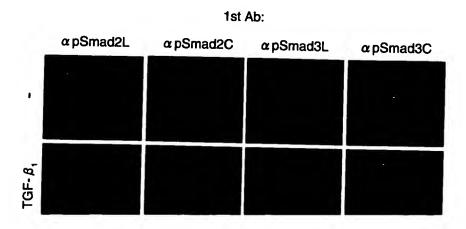


FIG. 5B

DETECTION OF INFLUENCE BY INHIBITOR

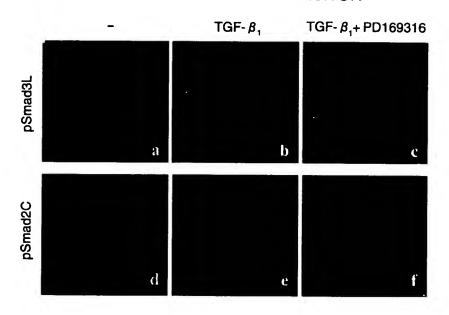


FIG. 6

IMMUNOHISTOLOGICAL EXAMINATION OF PHOSPHORYLATION AT Smad3 LINKER REGION IN LIVER OF HEPATIC FIBROSIS MODEL RAT

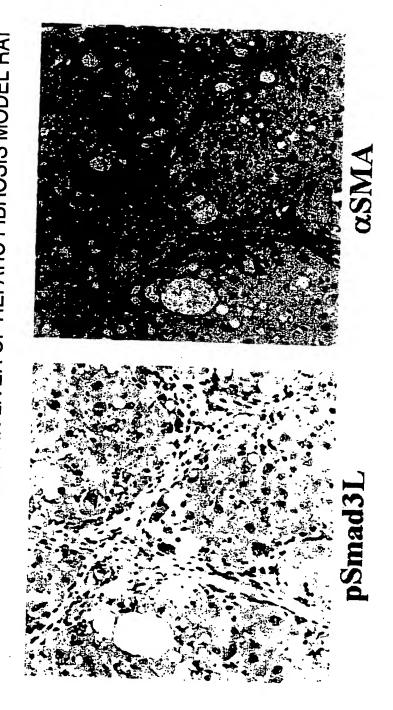


FIG. 7

## KINASE ASSAY IP: α pp38

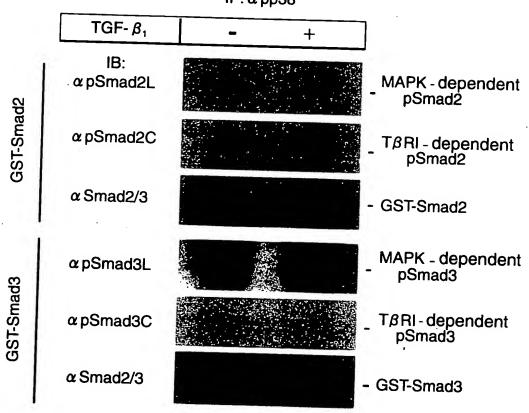


FIG. 8

